

**William J. Johnston Middle School
Phase III - Building & Site Construction
Colchester, Connecticut
State Project No. 028-0043 EA/RR and 028-0044 BE/EA/RR**

**ADDENDUM NO. 5
November 22, 2016**

Paste the following link into your browser for attachments:
<https://secure.smartbidnet.com/External/PublicPlanRoom.aspx?Id=264305&i=1>

**THE BID DUE DATE FOR ALL BID PACKAGES REMAINS
TUESDAY, NOVEMBER 29, 2016 @ 2:00 P.M.**
There will be no further bid extensions

PLEASE SUBMIT ONE ORIGINAL AND ONE COPY OF YOUR BID. THE FOLLOWING DOCUMENTS MUST BE INCLUDED IN YOUR BID, OR YOUR PROPOSAL WILL BE DEEMED NON-RESPONSIVE:

1. FORM OF PROPOSAL
2. BID SECURITY (BID BOND OR CERTIFIED CHECK) - EXCEPTIONS:
BID PACKAGES 1.10, 1.20 AND 1.21
3. CTDAS UPDATE STATEMENT (if bid exceeds \$500,000.00)

I. GENERAL INFORMATION

1. Uploaded to SmartBidNet, and provided for reference only, are existing drawings of the school facility. These drawings are not complete and shall be used as a guide only. These drawings shall not be considered part of the contract documents and all contractors shall be responsible for all work whether shown on these drawings or not.

II. REVISIONS TO SPECIFICATIONS

1. Specification Section 00 24 13 - Bid Packages
 - a. Bid Package 1.01 - Abatement and Demolition

II. SPECIAL INSTRUCTIONS

Add the following Special Instructions:

105. Due to the stairs to the existing boiler room being demolished during Summer 2017, alternative means of combustion air into this boiler room will need to be provided. The abatement and demolition contractor shall create the openings through the roof and floor structure. The roofing contractor shall provide the roof curb and weathertight closure between roof curb and duct. The structural steel contractor shall provide frames at both openings. The HVAC contractor shall provide all other necessary work, eg. duct riser, bird screens, fire damper. The abatement and demolition contractor shall demolish this combustion air system, as well as the existing MEP equipment in the existing boiler room, after the addition comes on line. The structural steel contractor shall provide metal deck infills at both of these duct openings and the general trades contractor shall provide the concrete floor infill.

106. When abandoning existing pipes and/or conduits within the existing building, it shall be the responsibility of the abatement and demolition contractor to cut off these pipes and/or conduits approximately 1" below the existing floor slab.

b. Bid Package 1.03 - Concrete

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraph:

98. The anchor bolts used to attach the metal stud exterior wall to the concrete foundation shall be furnished by the drywall contractor to the concrete contractor for installation.

c. Bid Package 1.05a - Structural Steel

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

77. The general trades contractor shall provide the steel framing and supports for overhead coiling doors and grilles. The masonry contractor shall provide the loose steel lintels. The structural steel contractor is responsible for furnishing all anchor bolts for steel columns to be cast into concrete. The drywall contractor shall furnish all partition framing supports to be cast into concrete. Unless specifically noted otherwise, the miscellaneous metals contractor is responsible for all other items specified in Section 05 50 00.
82. The anchor bolts used to attach the metal stud exterior wall to the concrete foundation shall be furnished by the drywall contractor to the concrete contractor for installation.

Add the following Special Instructions:

84. Due to the stairs to the existing boiler room being demolished during Summer 2017, alternative means of combustion air into this boiler room will need to be provided. The abatement and demolition contractor shall create the openings through the roof and floor structure. The roofing contractor shall provide the roof curb and weathertight closure between roof curb and duct. The structural steel contractor shall provide frames at both openings. The HVAC contractor shall provide all other necessary work, eg. duct riser, bird screens, fire damper. The abatement and demolition contractor shall demolish this combustion air system, as well as the existing MEP equipment in the existing boiler room, after the addition comes on line. The structural steel contractor shall provide metal deck infills at both of these duct openings and the general trades contractor shall provide the concrete floor infill.
85. The sitework contractor is responsible for furnishing and installing all site signage, architectural enclosure fencing/gates and guardrails as shown on the site drawings. The aluminum entrances and storefronts contractor shall furnish and install all aspects (except steel columns and concrete) of the screen wall around the generator. The sitework contractor shall provide the fencing/gates closure pieces between this screen wall and building.

d. Bid Package 1.06 - General Trades

II. SPECIAL INSTRUCTIONS

Add the following Special Instruction:

126. Due to the stairs to the existing boiler room being demolished during Summer 2017, alternative means of combustion air into this boiler room will need to be provided. The abatement and demolition contractor shall create the openings through the roof and floor structure. The roofing contractor shall provide the roof curb and weathertight closure between roof curb and duct. The structural steel contractor shall provide frames at both openings. The HVAC contractor shall provide all other necessary work, eg. duct riser, bird screens, fire damper. The abatement and demolition contractor shall demolish this combustion air system, as well as the existing MEP equipment in the existing boiler room, after the addition comes on line. The structural steel contractor shall provide metal deck infills at both of these duct openings and the general trades contractor shall provide the concrete floor infill.

e. Bid Package 1.07 - Roofing

II. SPECIAL INSTRUCTIONS

Add the following Special Instruction:

89. Due to the stairs to the existing boiler room being demolished during Summer 2017, alternative means of combustion air into this boiler room will need to be provided. The abatement and demolition contractor shall create the openings through the roof and floor structure. The roofing contractor shall provide the roof curb and weathertight closure between roof curb and duct. The structural steel contractor shall provide frames at both openings. The HVAC contractor shall provide all other necessary work, eg. duct riser, bird screens, fire damper. The abatement and demolition contractor shall demolish this combustion air system, as well as the existing MEP equipment in the existing boiler room, after the addition comes on line. The structural steel contractor shall provide metal deck infills at both of these duct openings and the general trades contractor shall provide the concrete floor infill.

f. Bid Package 1.08 - Aluminum Entrances and Storefronts

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

59. The sitework contractor is responsible for furnishing and installing all site signage, architectural enclosure fencing/gates and guardrails as shown on the site drawings. The aluminum entrances and storefronts contractor shall furnish and install all aspects (except steel columns and concrete) of the screen wall around the generator. The sitework contractor shall provide the fencing/gates closure pieces between this screen wall and building.

g. Bid Package 1.09a - Drywall

II. SPECIAL INSTRUCTIONS

Add the following Special Instructions:

- 95. The general trades contractor shall provide the steel framing and supports for overhead coiling doors and grilles. The masonry contractor shall provide the loose steel lintels. The structural steel contractor is responsible for furnishing all anchor bolts for steel columns to be cast into concrete. The drywall contractor shall furnish all partition framing supports to be cast into concrete. Unless specifically noted otherwise, the miscellaneous metals contractor is responsible for all other items specified in Section 05 50 00.
- 96. The anchor bolts used to attach the metal stud exterior wall to the concrete foundation shall be furnished by the drywall contractor to the concrete contractor for installation.

h. Bid Package 1.13 - Plumbing

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraph:

- 92. When abandoning existing pipes and/or conduits within the existing building, it shall be the responsibility of the abatement and demolition contractor to cut off these pipes and/or conduits approximately 1" below the existing floor slab.

i. Bid Package 1.14 - Fire Protection

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraph:

- 75. When abandoning existing pipes and/or conduits within the existing building, it shall be the responsibility of the abatement and demolition contractor to cut off these pipes and/or conduits approximately 1" below the existing floor slab.

j. Bid Package 1.15 - HVAC

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraph:

- 93. When abandoning existing pipes and/or conduits within the existing building, it shall be the responsibility of the abatement and demolition contractor to cut off these pipes and/or conduits approximately 1" below the existing floor slab.

Add the following Special Instruction:

118. Due to the stairs to the existing boiler room being demolished during Summer 2017, alternative means of combustion air into this boiler room will need to be provided. The abatement and demolition contractor shall create the openings through the roof and floor structure. The roofing contractor shall provide the roof curb and weathertight closure between roof curb and duct. The structural steel contractor shall provide frames at both openings. The HVAC contractor shall provide all other necessary work, eg. duct riser, bird screens, fire damper. The abatement and demolition contractor shall demolish this combustion air system, as well as the existing MEP equipment in the existing boiler room, after the addition comes on line. The structural steel contractor shall provide metal deck infills at both of these duct openings and the general trades contractor shall provide the concrete floor infill.

k. Bid Package 1.16 - Electrical

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraph:

94. When abandoning existing pipes and/or conduits within the existing building, it shall be the responsibility of the abatement and demolition contractor to cut off these pipes and/or conduits approximately 1" below the existing floor slab.

2. Specification Section 00 31 13 - Project Schedule and Phasing

- a. Replace page 12 with revised, attached to this Addendum No. 5.

3. Specification Section 00 63 13 - Bidders' Prebid Requests for Information (Prebid RFI's)

- a. Attached to this Addendum No. 5 are CM Prebid RFI Nos. 29 through 212, inclusive. ***Revised responses are bold and italicized.*** All information contained in these responses is to be used by all contractors in the preparation of their bids and will form part of their scope of work.

4. Specification Section 01 21 00 - Allowances

- a. Add the following Allowances:

Allowance No.	Unit Price Item No.	Description/Purpose of Allowance	Quantity	Unit
1.02a - SITEWORK				
39	N/A	\$15,000 lump sum allowance for trenching and backfill to maintain and/or re-route existing electrical power and/or site lighting (site utility relocations only)	1	LS
1.16 - ELECTRICAL				
40	N/A	\$15,000 lump sum allowance for providing wiring, raceways, etc. to maintain and/or re-route existing electrical power and/or site lighting (site utility relocations only)	1	LS

5. Specification Section 01 35 13 - Special Project Requirements

- a. Replace paragraph 15c as follows:
 - c. Time and material tickets need to include employee name and craft (apprentice). All ticket work must be priced and returned to the Construction Manager within thirty (30) days of the work being performed. Failure to submit pricing within this time frame will result in the ticket and associated pricing to be subject to penalties, discounts and/or recalculation, commensurate with the loss of reimbursement the municipality would have otherwise received had the pricing of the ticket work been submitted within the aforementioned time period noted herein.
- b. Add new paragraph 21 as follows:

21. PROVIDING CERTIFICATES OF INSURANCE

- a. O&G Industries has transferred our insurance certificate tracking program to Ebix, Inc. ("Ebix"). Ebix will now assume the following duties on our behalf:
 - Requesting your Certificate of Insurance
 - Reviewing your insurance certificate to determine if the coverage shown meets the stated insurance requirements.
 - Following up if documentation received does not meet the stated insurance requirements.
 - Notifying O&G of any lapse or deviation between your coverage shown on the certificate and the stated requirements.
- b. The trade contractor shall be responsible for the lump sum Subscription fee for Ebix to be paid directly to O&G. The Subscription fee is calculated as 0.15% of the contract value. This fee will be deducted from the trade contractor's initial Application for Payment.

6. Specification Section 01 50 00 - Temporary Facilities and Controls

- a. Insert new Sketch SKM-CM2 showing combustion air for existing boiler room, attached to this Addendum No. 5.

7. Specification Section 01 74 23 - Interim Phase/Final Cleaning

- a. Replace paragraph 2a as follows:
 - a. At the completion of each Phase or project, the sitework contractor shall complete the following cleaning items related to site work:
 - 1. Clean project site and all adjoining walks to back of curb of all rubbish, litter, debris and other extraneous materials, whether existing or generated during the project.
 - 2. Sweep all exterior paved areas to a fine broom cleaned condition. Remove stains and spills.
 - 3. Clean all storm drainage systems including catch basins and manholes on the project site of all sand, debris etc.
 - 4. Remove marks, stains, etc. from finished, painted, decorated or stained surfaces of site furnishings and sidewalks.

III. REVISIONS TO TECHNICAL SPECIFICATIONS

1. Specification Section 07 52 16 - SBS Modified Bituminous Membrane Roofing
 - a. Part 1, paragraph 1.11 Maintenance Service: Delete this paragraph without replacement. The manufacturer shall provide maintenance.
 - b. Part 2, paragraph 2.02.C Base Flashing Products: Add subparagraph 2.02C.1.b as follows:
 - b. Two-component fluid applied flashing system shall be acceptable as an alternative to TPA Flashing Sheet. Provide AlphaGuard BIO by Tremco or approved equal. Install according to manufacturer's specifications.
 - c. Part 2, paragraph 2.03 Roof Coatings: Paragraph A. Add the following at the end of this paragraph: "Provide roof coating only if Granule-Surfaced Roofing Cap Sheet does not meet the performance requirements of part 1, paragraph 1.04."
2. Specification Section 09 91 00 - Painting
 - a. Delete the existing specification section in its entirety and replace with the attached. Please note the following additions:
 - A. Part 1, paragraph 1.02.A. Item 11.
 - B. Part 2, paragraph 2.05. Item F.
 - C. Part 3, paragraph 3.02. Item I.
 - D. Part 3, paragraph 3.06.A. Item 3.
3. Specification Section 10 14 00 - Signage
 - a. Part 3 - Execution: Add paragraph 3.04 as follows:

3.04 Attachments

 - A. The following attachment is included at the end of this section:
 1. Sign Schedule
 2. Sign type sketches 1-5
 - b. Insert at the end of this section the sign schedule and sign type sketches (16 pages total), attached to this Addendum No. 5.
4. Specification Section 28 13 00 - Access Control
 - a. Replace this specification section in its entirety with revised, attached to this Addendum No. 5. Revised door video entry system model and associated components to reflect manufacturer revisions due to product becoming discontinued.

IV. REVISIONS TO DRAWINGS

1. Drawing G0.02 - General Information II
 - a. Partition Type D: Impact Resistant gypsum board shall be provided, both sides, on all classrooms/corridor walls and classroom/classroom walls. Impact Resistant gypsum board is not required in office and office areas.
2. Drawing CS-102 - Detailed Site Layout Plan
 - a. Replace drawing with revised, attached to this Addendum No. 5. Please note the clarifications to items that are to be associated with Pupil Services (State Project No. 028-0044 BE/EA/RR).
3. Drawing LV-300 - Site Planting - Overall
 - a. Replace drawing with revised, attached to this Addendum No. 5. Please note the clarifications to items that are to be associated with Pupil Services (State Project No. 028-0044 BE/EA/RR).
4. Drawing S0.01 - Typical Sections & Details
 - a. Replace drawing with revised, attached to this Addendum No. 5. Revised Details 8 and 9/S0.01, as well as added Detail 11/S0.01.
5. Drawing A1.04 - First Floor Plan Area D
 - a. Replace drawing with revised, attached to this Addendum No. 5. Wall dimensions in Multi-Purpose D103 are clarified for bleacher installation.
6. Drawing A1.05 - First Floor Plan - Area E & F
 - a. Renumber Roof Access F119 to E109.
7. Drawing A5.04 - Exterior Elevations IV - Area E & F
 - a. Replace drawing with revised, attached to this Addendum No. 5. Elevation F12/A5.04: Clarification to exterior signage.
8. Drawing MEPD1.00 - MEP Demolition Floor Plan
 - a. Replace this drawing with revised, attached to this Addendum No. 5. Revised demolition area to reflect actual scope of demolition work. Revised MEP demolition general notes to include basement. Added phasing reference to demolition general notes. Added demolition keynote "E8" for demolition of existing lightning protection system.
9. Drawing M4.02 - Mechanical Refrig. Piping Diagrams
 - a. Revise drawing per Sketch SKM-9, attached to this Addendum No. 5. Corrected Tag on Condensing Units on Pipe Riser Diagram 2 to CU-2-4.

V. ATTACHMENTS TO ADDENDUM

<u>Description</u>	<u>Pages</u>
Specification Section 00 31 13 - Project Schedule and Phasing, revised page 12	1
Specification Section 00 63 13 - Bidders' Prebid Requests for Information (Prebid RFI's)	51
Specification Section 09 91 00 - Painting (11/22/16)	15
Specification Section 10 14 00 - Signage - Sign Schedule and Sign Sketches	16
Specification Section 28 13 00 - Access Control (11/22/16)	12

Sketches and Drawings

SKM-C2 - Combustion Air for Existing Boiler Room
SKM-9 - Refrig Riser Diagram Area D - Addendum TA-04 (11/22/16)
CS-102 - Detailed Site Layout Plan (11/22/16)
LV-300 - Site Planting - Overall (11/22/16)
S0.01 - Typical Sections and Details (11/22/16)
A1.04 - First Floor Plan - Area D (11/22/16)
A5.04 - Exterior Elevations IV - Area E & F (11/22/16)
MEPD1.00 - MEP Demolition Floor Plan (11/22/16)

END OF ADDENDUM NO. 5